ATTACHMENT - CLAIMS LISTING

This listing of claims will replace all prior versions, and listings, of claims in the application.

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1-115. (Canceled)

116.   (New) A system for collecting and/or adjusting and/or manipulating data from a data stream generated at a point of sale terminal or peripheral, the system comprising:

a point of sale terminal in communication with at least one peripheral device, wherein the electronic data communicated is specific to the at least one peripheral device function, and wherein said data is generated by the device or said point of sale terminal, dependent on whether the device is an input device or an output device;

an intelligent interface in communication with the point of sale terminal and capable of intercepting said electronic data stream from the point of sale terminal, the interface including an input and a first output in communication with the at least one peripheral device;

a processing station in communication with the interface and which receives data intercepted from said electronic data; and

a second output from the interface in communication with said data processing station,

wherein the interface is capable of interrupting said device specific electronic

data transmitted between said point of sale terminal and said at least one peripheral

device to adjust and/or compile at least a part of said electronic data stream to generate

adjusted and/or compiled data, and wherein the adjusted and/or compiled data is

transmitted to said at least one peripheral device via said interface, such that there is no

adjustment to the point of sale software.

117.   (New) The system according to claim 116, wherein the processing station is a

site controller capable of transmitting said adjusted data to at least one other processing

station in communication with the processing station.

118.   (New) The system according to claim 117, wherein the at least one other

processing station is capable of providing additional data to a point of sale peripheral

device.

119.   (New) The system according to claim 118, wherein the at least one other

processing station may be located either at the point of sale or at a remote location.

120.   (New) The system according to claim 119, wherein the at least one other

processing station is capable of performing tasks selected from at least one of the group

consisting of validation of a customer coupon and voucher.

121.   (New) The system according to claim 116, wherein a source of the electronic data comprises a scanner.

122.   (New) The system according to claim 116, wherein a source of the electronic data comprises an electronic scale.

123.   (New) The system according to claim 116, wherein a source of the electronic data comprises a magnetic card reader.

124.   (New) The system according to claim 116, wherein a source of the electronic data comprises an electronic fund transfer point of sale scanner.

125.   (New) The system according to claim 116, wherein a source of the electronic data comprises a keyboard.

126.   (New) The system according to claim 116, wherein the at least one peripheral device in communication with the processing station via the intelligent interface is a secondary point of sale printer.

127.   (New) The system according to claim 116, wherein output data to said at least one peripheral device includes content that is pre-loaded into the interface.

128.   (New) The system according to claim 116, wherein the electronic data is

provided by one or any combination of the following devices:

a)   a scanner,

b)   a keyboard, and

c)   a magnetic card.

129.   (New) The system according to claim 116, wherein the intelligent interface

enables data transmitted between said point of sale terminal and the at least one

peripheral device to be intercepted for secondary adjustment, compilation or

manipulation.

130.   (New) The system according to claim 116, wherein the intelligent interface is in

communication with a remote server and the remote server is in communication with a

controller which links one or more remote sites to the remote server.

131.   (New) The system according to claim 130, further comprises a customer display.

132.   (New) The system according to claim 130, further comprises a lottery terminal.

133.   (New) The system according to claim 130, further comprising an electronic fund

transfer point of sale device.

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134.   (New) The system according to claim 116, wherein the intelligent interface is capable of performing any one of the following functions:

      a)   generation of discount vouchers,

      b)   generation of discount vouchers with regard to product purchases,

      c)   implementation of a lottery where a lottery ticket is generated in response to a transaction value exceeding a threshold, and

      d)   implementation of a prize-draw promotion where a stub ticket is printed and a winner is drawn from a pool of entries.

135.   (New) The system according to claim 116, wherein the intelligent interface is capable of performing an unlimited number of promotional features using an intelligent interface.

136.   (New) The system according to claim 116, wherein the intelligent interface is capable of enabling any one of or any combination of the following functions:

      a)   production of receipts containing graphic logos and static promotional material,

      b)   production of receipts containing promotional material based on product(s) purchased,

      c)   production of receipts containing promotional material based on time of purchase,

      d)   production of receipts containing promotional material based on total value of transaction,

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e) the use of a connecting network to obtain promotional or other material in real-time for inclusion in output data,

f) the use of a connecting network to return statistical information to a network server,

g) the use of a connecting network to provide a means to readily update the promotional material stored in the intelligent interface and any associated printer, and

h) to update the rules regarding the generation of output data.

137. (New) The system according to claim 116, wherein the intelligent interface is implemented as a piece of hardware external to an existing point of sale computer.

138. (New) The system according to claim 116, wherein the intelligent interface comprises a software module within said point of sale computer working at a driver level to intercept and redirect data.

139. (New) A system for adjusting data intercepted from a point of sale data stream between a point of sale terminal and a printer for receiving said data, wherein the electronic data communicated is specific to the printer function, and wherein said data is generated by the printer or said point of sale terminal, dependent on whether the printer acts as an input device or an output device the system comprising:

an intelligent interface in communication with the point of sale terminal and without adjustment to the point of sale terminal software, capable of intercepting said electronic data stream before it reaches said printer, the interface including an input and

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a first output in communication with the printer, the printer capable of performing at least one function responsive to said data stream; and

a first processing station in communication with the interface and which receives data intercepted from said electronic data stream via the interface to process said electronic data and return it via said interface to the printer.

140.   (New) The system according to claim 139, wherein the electronic data is adjusted and transmitted to another processing station, wherein the other processing station is capable of uploading of customer data via the interface to the printer.

141.   (New) The system according to claim 140 wherein the other processing station is capable of uploading of statistical data and down loading configuration data to the printer.

142.   (New) The system according to claim 141, wherein the interface is in communication with a remote server and the remote server is in communication with a controller which links one or more remote sites to the remote server.

143.   (New) The system according to claim 142, wherein the interface is capable of adjusting said data in said data stream thereby allowing the printer to print data additional to or adjusted from data in the data stream.

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144.   (New) The system according to claim 143, wherein the additional print data is based on point of sale information obtained by said interface directly or indirectly from the point of sale computer.

145.   (New) The system according to claim 144, wherein the point of sale terminal is a cash register which delivers a data stream to a receipt printer.

146.   (New) The system according to claim 145, wherein a sales data is manipulated, altered, augmented, amplified or otherwise adjusted via the intelligent interface which is either local to or remote from the printer.

147.   (New) The system according to claim 146, wherein there are a plurality of printers at a point of sale site and a controller at either the point of sale site or at a remote location thereby enabling control of multiple printers.

148.   (Original) The system according to claim 147, wherein the intelligent interface connection is wireless.

149.   (New) The system according to claim 148, wherein the intelligent interface comprises software embedded in a point of sale computer that functions in conjunction with the point of sale software, but without alteration to the point of sale software.

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150. (New) A method for collecting and/or adjusting and/or manipulating data from an electronic data stream generated at a point of sale terminal, the method comprising:

a) providing a point of sale terminal in communication with at least one peripheral device capable of receiving data generated by said point of sale terminal;

b) providing an intelligent interface in communication with the point of sale terminal and without adjustment to the point of sale terminal software, intercepting said electronic data, the interface including an input and a first output in communication with the at least one peripheral;

c) providing a first processing station in communication with the interface to receive data intercepted from said data stream;

d) providing a second output from the interface in communication with said data processing station;

e) setting the interface so that it interrupts the data; wherein the electronic data communicated between said point of sale terminal and said at least one peripheral is specific to the peripheral device function;

f) adjusting and/or compiling at least a part of said data; and

g) transmitting the adjusted data to said at least one peripheral device via said interface.

151. (New) The method according to claim 150, wherein the at least one system peripheral device is a remote printer.

152.   (New) The method according to claim 151, further comprising providing an interface modem connected between the point of sale terminal and printer.

153.   (New) The method according to claim 152, further comprises providing a software interface associated with the first processing station.

154.   (New) The method according to claim 153, wherein the software communicates with the data stream and intercepts and/or compiles and/or adjusts and/or manipulates the data for either storage or for subsequent delivery to a point of sale printer.

155.   (New) The method according to claim 154, wherein data is communicated between a central server and a site controller, which then disseminates the data via a wireless or wired network, or both, to the intelligent interface.

156.   (New) The method according to claim 155, wherein the output data to said printer includes content that is pre-loaded into the interface.

157.   (New) The method according to claim 156, wherein a potentially unlimited number of promotional features are included in the data by the use of the intelligent interface.

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158. (New) The method according to claim 157, wherein the processing station performs a function of auction of receipts containing graphic logos and static promotional material.

159. (New) The method according to claim 158, wherein the processing station performs a function of production of receipts containing promotional material based on product(s) purchased.

160. (New) The method according to claim 159, wherein the processing station performs a function of production of receipts containing promotional material based on time of purchase.

161. (New) The method according to claim 160, wherein the processing station performs a function of auction of receipts containing graphic logos and static promotional material.

162. (New) The method according to claim 161, wherein the processing station performs a following function of production of receipts containing promotional material based on total value of transaction.

163. (New) The method according to claim 162, wherein the processing station performs a function of auction of receipts containing graphic logos and static promotional material.

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164.   (New) The method according to claim 163, wherein the processing station performs a function of connecting to a remote network to obtain promotional or other material in real-time for inclusion in output data.

165.   (New) The method according to claim 164, wherein the remote processing station performs the function of the use of a connecting network to provide a means to update promotional material stored in the intelligent interface and any associated printer, and to update rules regarding the generation of output data.